

Transportation Framework

Charter Review

September 12, 2000

Vision

The Washington State Transportation Framework (TFW) is a seamless set of data that are consistent, connected, and continuous between segments of the TFW and with other framework layers. The TFW represents the best data available and includes mechanisms to improve over time. Framework data is accessible to the general public at the least cost with the least restrictions.

We expected the TFW to include:

- **Data**
 - linework
 - feature codes
 - attributes
 - linear referencing system
- **Institutional arrangements needed to maintain it.**
 - roles for contributing and maintaining
 - incentives for partners to contribute

Approach ...

- Charter defined initial consensus of the TFW.
- Build on the charter ...
 - Sign up more partners
 - Identify partner business needs
 - Use available technology
 - Develop data model
- Pilot
- Identify and implement institutional arrangements.

Scope

- Contents - Existing ...
 - Roads (federal, state, city/county, private)
 - Railroads
 - Bridges
 - Culverts
- Extent - limited geographic area - "a few counties"

Scope

- Resolution (scale) - multiple - 24K & larger
- Datum
 - horizontal - state plane, lat/long
 - vertical - to be determined
- Metadata - identify standard
- Linear referencing
- Feature attributes (codes?)

Scope

- Data Development and Maintenance
 - Distributed
 - By feature owner
- Data integration
 - within the TFW - resolve ambiguities, develop means to eliminate
 - between the TFW and other framework themes, resolve ambiguities, allow gaps/overlaps,

Scope

- Data quality - develop criteria
- Software & Tools for - data integration, data access, and data quality testing.
- Data access - limited during pilot

(Key) Assumptions

- 7.1 Sufficient partners - providers & users.
- 7.4 Agreement can be reached on a common data model.
- 7.5 Agreement can be reached on a common LRS.
- 7.7 Phased approach - develop incrementally.
- 7.8 Existing infrastructure will be used to make TFW data accessible.

Critical Success Factors

- 8.1 Establish broad participation.
- 8.2 Establish standards that enhance ability to collect and maintain the data.
- 8.3 Provide the data needed to meet business needs.
- 8.4 Define a model that meets business needs.
- 8.7 Phase development.

Key Deliverables

- 9.1 Data Model.
- 9.3 Data access and distribution software and process.
- 9.4 Data integration standards, processes, and tools.
- 9.5 Partnership agreements.
- 9.6 Definition of roles.
- 9.7 Pilot to populate the db - limited area & contents.